

REMARKS

Reconsideration of this application as amended is respectfully requested. A RCE accompanies this Amendment.

Claims 15-17 are currently pending in this application. Claims 15-17 stand rejected.

Claim 15 has been amended. New claims 20-23 have been added. Support for amended claim 15 and new claims 20-23 can be found in paragraphs [0056] and [0072]. Applicants respectfully submit that no new matter has been added.

Applicants reserve all rights with respect to the applicability of the Doctrine of Equivalents.

The Examiner states that U.S. Patent No. 6,785,704 of McCanne et al. ("McCanne") qualifies as prior art under 35 U.S.C § 102(e). As such applicants reserve the right to swear behind the effective prior art date of this reference.

Claims 15-17 stand rejected under 35 U.S.C. § 102(e) as being anticipated by McCanne.

Applicants respectfully submit that amended claim 15 is not anticipated by McCanne under 35 U.S.C. § 102(e).

Claim 15, as amended, reads as follows:

A method, comprising:  
receiving a request for content having associated therewith an information object identified by a uniform resource locator (URL) including a redirector address;  
mapping, using a lookup table, the URL of the information object to a corresponding unicast address associated with an originating source for the information object;

using the unicast address as an anycast address so as to obtain the information object from a nearest information object repository identified by a redirector identified by the redirector address, wherein the nearest information object repository is selected according to specified performance metrics that comprise average delay from the nearest information object repository to a source of the request, average processing delay at the nearest information object repository, reliability of a path from the nearest information object repository, available bandwidth in said path, and loads on the nearest information object repository;

monitoring an established connection between a destination of the request and the nearest information object repository servicing the request; and

adjusting the established connection if network conditions of the established connection degrade by replacing the nearest information object repository with a different information object repository.

(Emphasis Added).

McCanne discloses that a comprehensive content-distribution model is an efficient mechanism to attach a client to the most appropriate server. As depicted in FIG. 6, a redirection fabric "glues" clients to edge servers to provide the best possible content distribution path. (McCanne Col. 13, lines 4-8). McCanne also discloses a redirector node that routes the client to the most appropriate server based on load and network measurements that the redirector nodes continually gather in the background.

(McCanne Col. 13, lines 42-44).

By contrast, McCanne fails to disclose monitoring an established connection between a client and edge server and then adjusting the established connection if network conditions degrade for the established connection by replacing the most appropriate edge server with a different server. Accordingly, McCanne fails to disclose "monitoring an established connection between a destination of the request and the nearest information object repository servicing the request; and adjusting the established connection if network conditions of the established connection degrade by

replacing the nearest information object repository with a different information object repository." (claim 15).

Thus applicants respectfully submit that amended claim 15 is not anticipated under 35 U.S.C. § 102(e) by McCanne.

Given that claims 16, 17, and new claims 20-23 are dependent claims that are dependent on amended claim 15, directly or indirectly, applicants submit that claims 16, 17, and new claims 20-23 are not anticipated under 35 U.S.C. § 102(e) by McCanne.

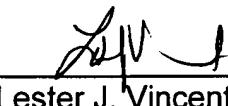
It is respectfully submitted that the applicable rejections and objections have been overcome.

If there are any charges not covered by any checks submitted, please charge Deposit Account No. 02-2666.

Respectfully submitted,

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